

# **TBX1 Recombinant Rabbit mAb**

Catalog: BS47875

Host: Rabbit

Reactivity: Human, Mouse, Rat

#### **BackGround:**

This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene product shares 98% amino acid sequence identity with the mouse ortholog. DiGeorge syndrome (DGS)/velocardiofacial syndrome (VCFS), a common congenital disorder characterized by neural-crest-related developmental defects, has been associated with deletions of chromosome 22q11.2, where this gene has been mapped. Studies using mouse models of DiGeorge syndrome suggest a major role for this gene in the molecular etiology of DGS/VCFS. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

#### **Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### **Molecular Weight:**

#### 43 kDa

**Swiss-Prot:** 

O43435

## **Purification&Purity:**

Affinity Purification

#### Applications:

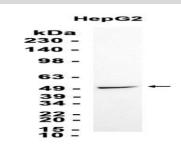
WB: 1:1000-1:5000<br />IP: 1:20-1:50

Storage&Stability:

Store at  $4 \,^{\circ}{\rm C}$  short term. Aliquot and store at  $-20 \,^{\circ}{\rm C}$  long term. Avoid freeze-thaw cycles.

#### **Isotype:**

## IgG DATA:



Western blot analysis of extracts from Jurkat cells at 1:1000.

#### Note:

For research use only, not for use in diagnostic procedure.

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